

## CLAIMS

1. A base station apparatus comprising:
  - delay time measuring means for measuring propagation delay time of a radio channel; and
  - channel assigning means for carrying out channel retrieval in an order based on the propagation delay time measured by said delay time measuring means when carrying out channel assignment.
- 10 2. A base station apparatus according to claim 1 wherein the channel assigning means refers to a table that indicates a range of a propagation delay time assigned to each slot and carries out the channel retrieval from a slot in which the measured propagation delay time is within said range.
- 15 3. A communication terminal apparatus that carries out radio communication with the base station apparatus according to claim 1 comprising:
  - transmitting means for transmitting signals via a channel of the uplink assigned by said base station apparatus;
  - 20 and
  - receiving means for receiving signals via a channel of an assigned downlink.
4. A channel assigning method carrying out channel retrieval in an order based on a propagation delay time of a radio channel in autonomous distributed dynamic channel assigning system.

5. A channel assigning method according to claim 4 comprising steps of referring a table that indicates a range of a propagation delay time assigned to each slot and carrying 5 out channel retrieval from a slot in which the measured propagation delay time is within said range.